

removing rate, whereby the removal of water is carried out independently regardless of the filtration/back-filtration pattern.

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Please amend the paragraph commencing at page 18 line 22 as follows:

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7/13/10

In the single-needle HDF apparatus having ~~polyfunctional~~ multifunctional filtration control means, when the amount of a fluid discharged from a dialysis fluid circuit independently of delivery means for discharging a dialysis fluid is taken as the amount of a fluid discharged by a pump, this amount of the fluid discharged by the pump is controlled to become the sum of the amount of the removed water flowing out from the blood side circuit to the dialysis fluid side circuit by the above water removing step and the amount of filtration (equal to the amount of back-filtration or the amount of the substitution fluid) flowing out from the blood circuit to the dialysis fluid circuit by the above filtration operation. Also in the single-needle HDF apparatus having no ~~polyfunctional~~ multifunctional filtration control means, the amount of the fluid discharged by the pump may be used as a term which means the total of the amount of filtration and the amount of the removed water.